

**FIG. 1**

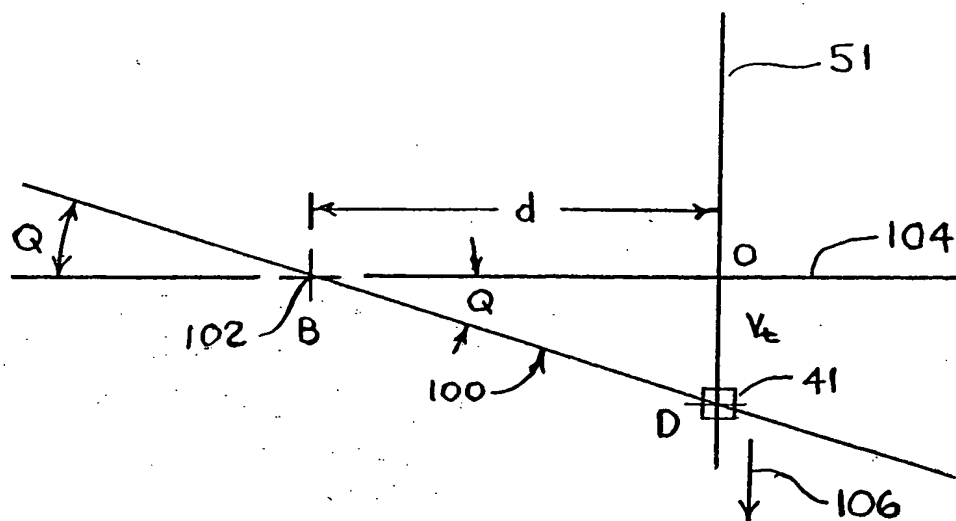


FIG. 2

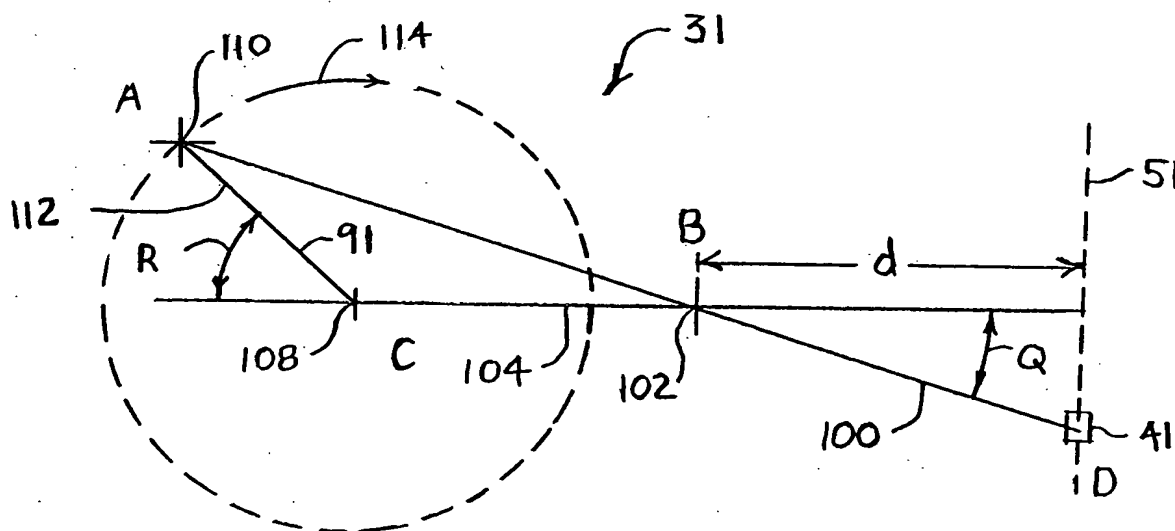


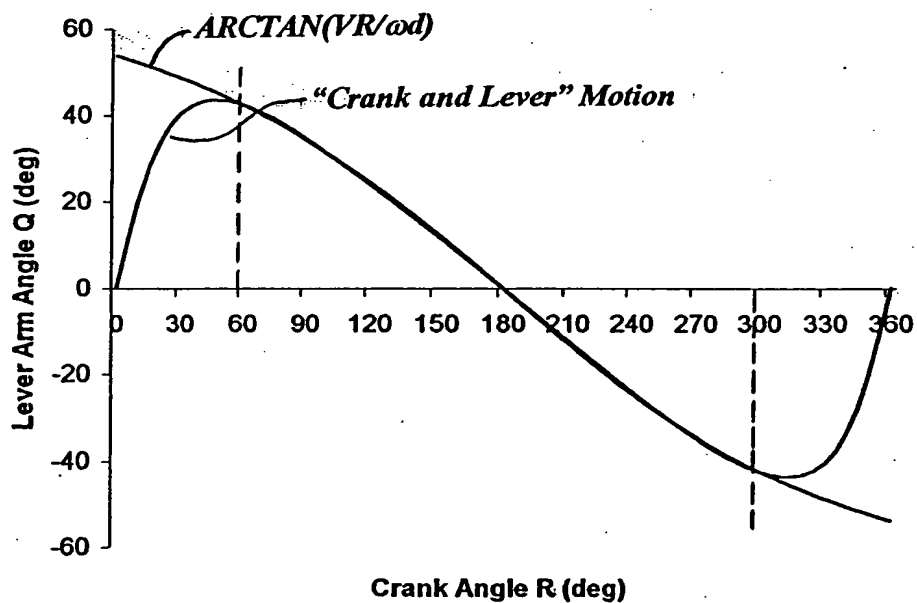
FIG. 3



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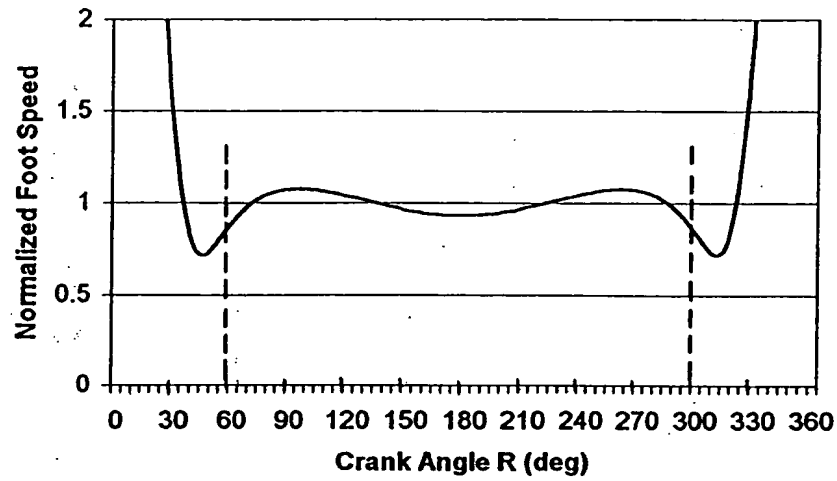
**Approximation of  $\text{ARCTAN}(VR/\omega d)$   
required for constant foot speed**



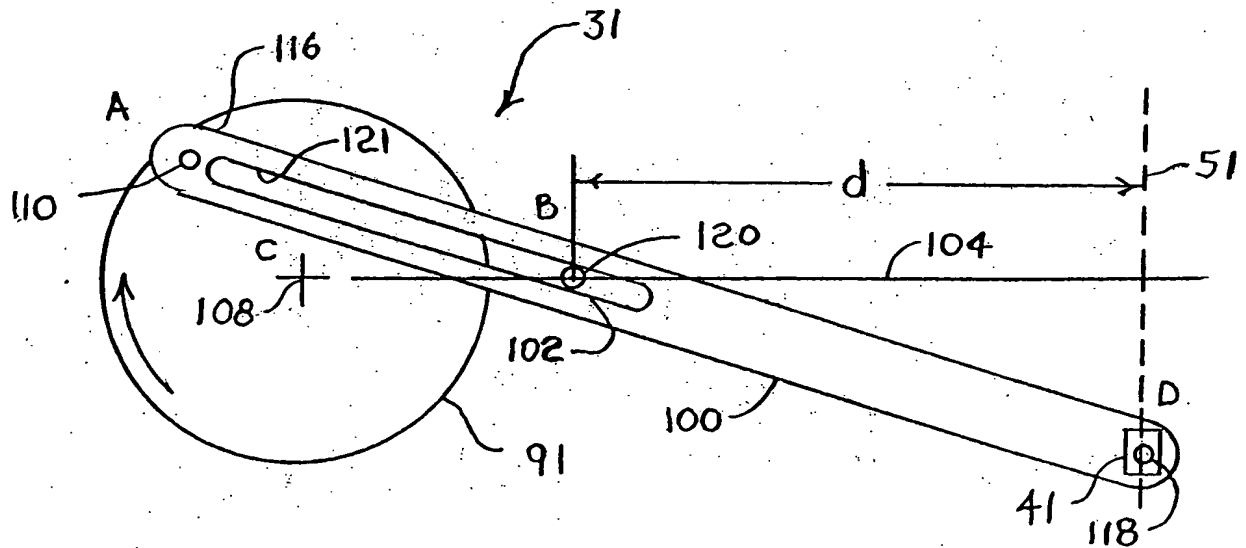
**FIG. 4**



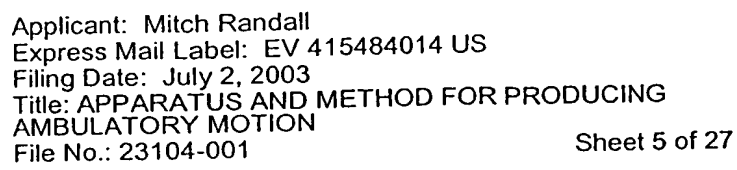
**Normalized Foot Speed resulting from  
ATAN(VR/wd) approximation**



**FIG. 5**



**FIG. 6**



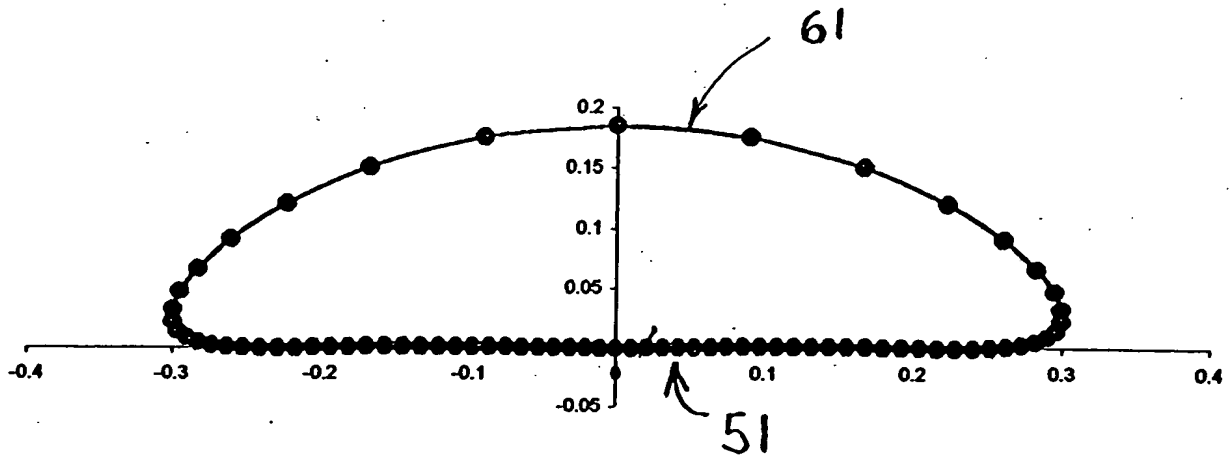


FIG. 8

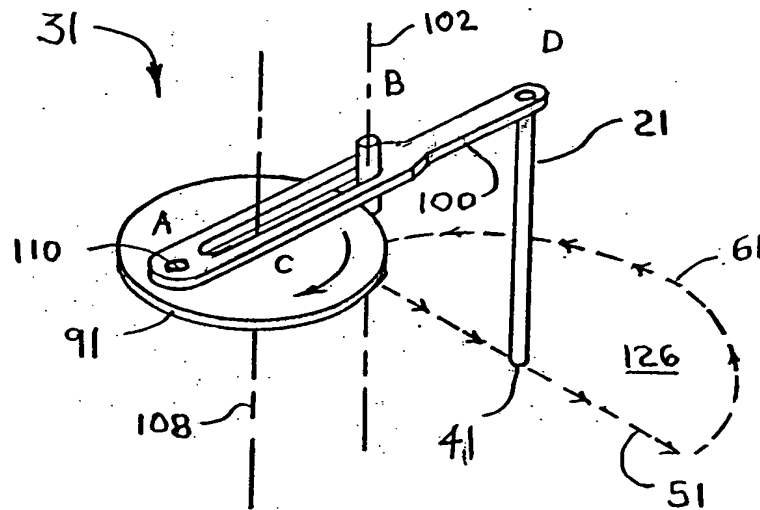
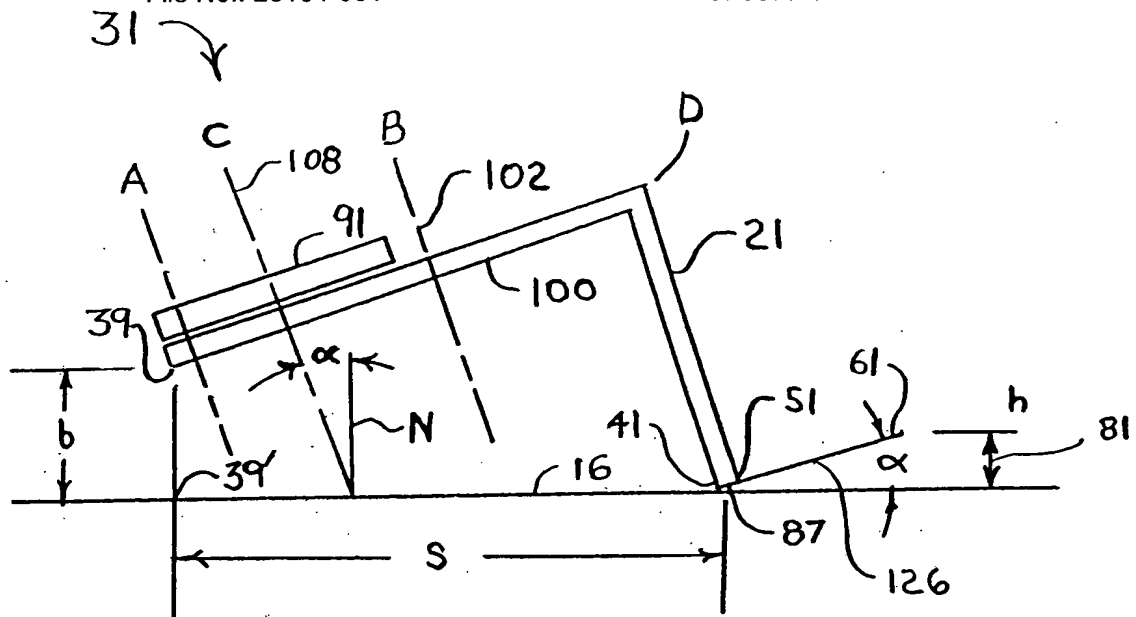


FIG. 9



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**FIG. 10**

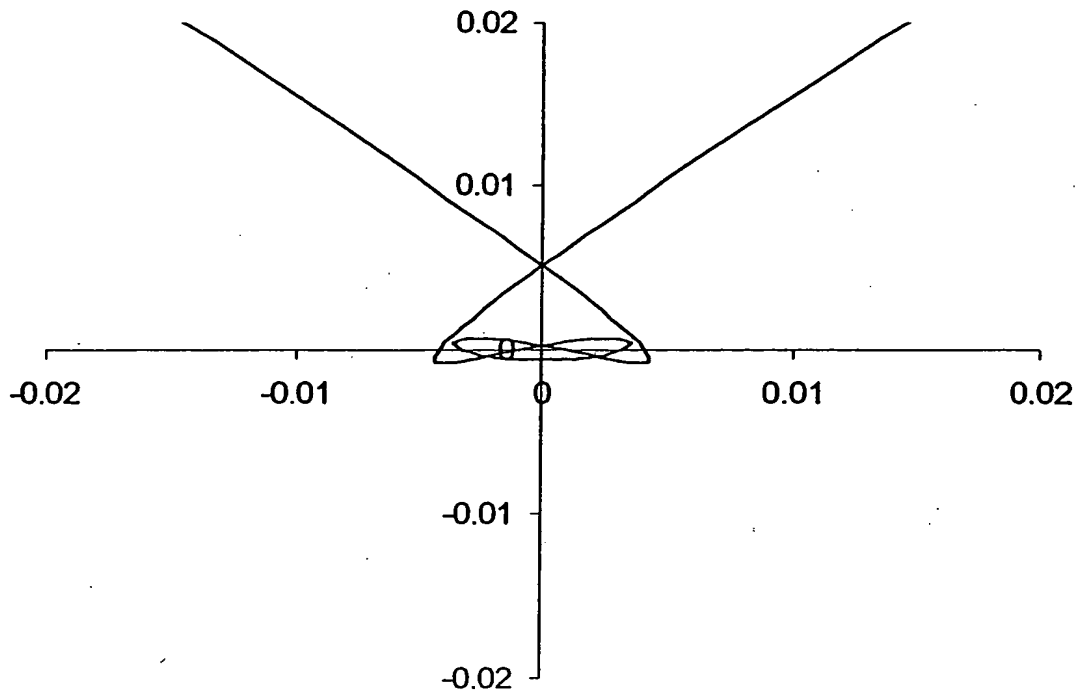
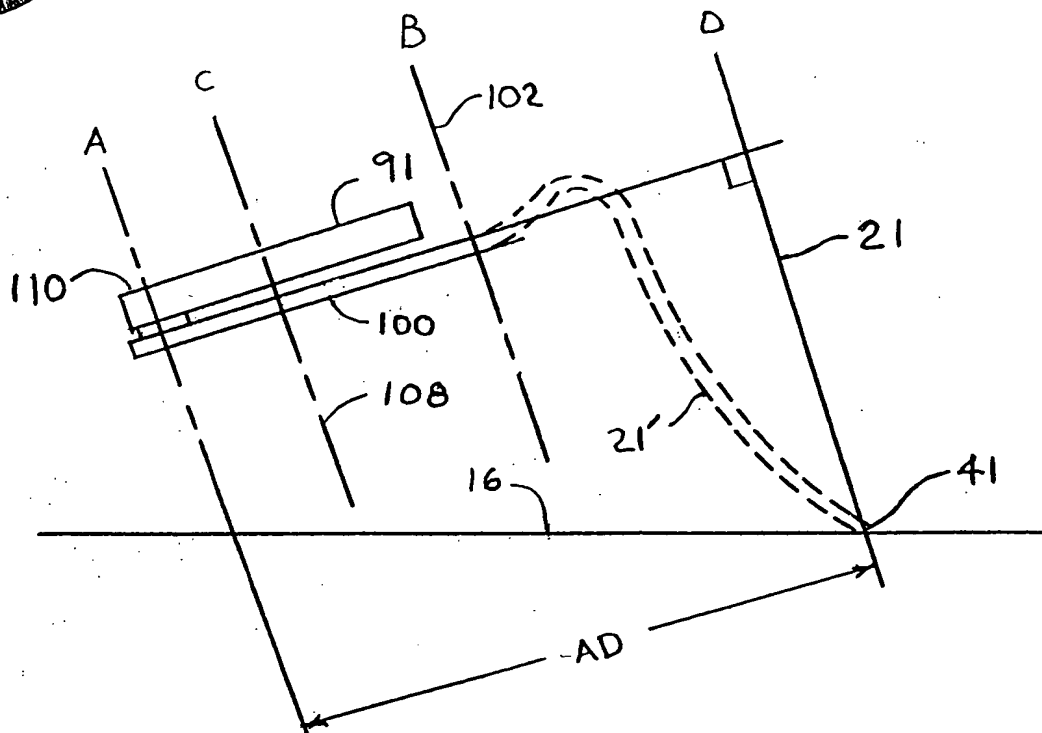


FIG. 11

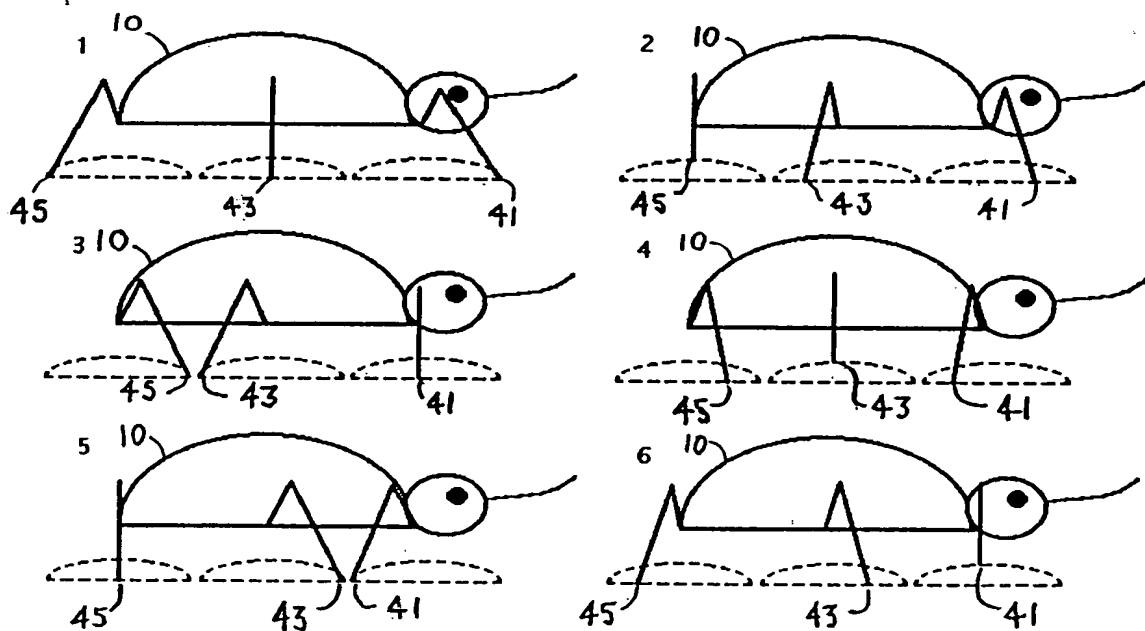


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**FIG. 12**



**FIG. 13**



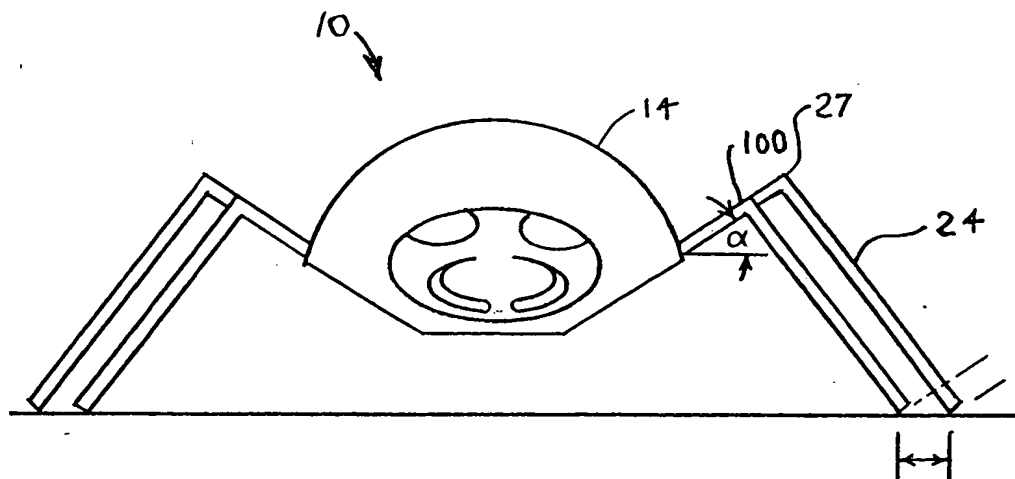


FIG. 14

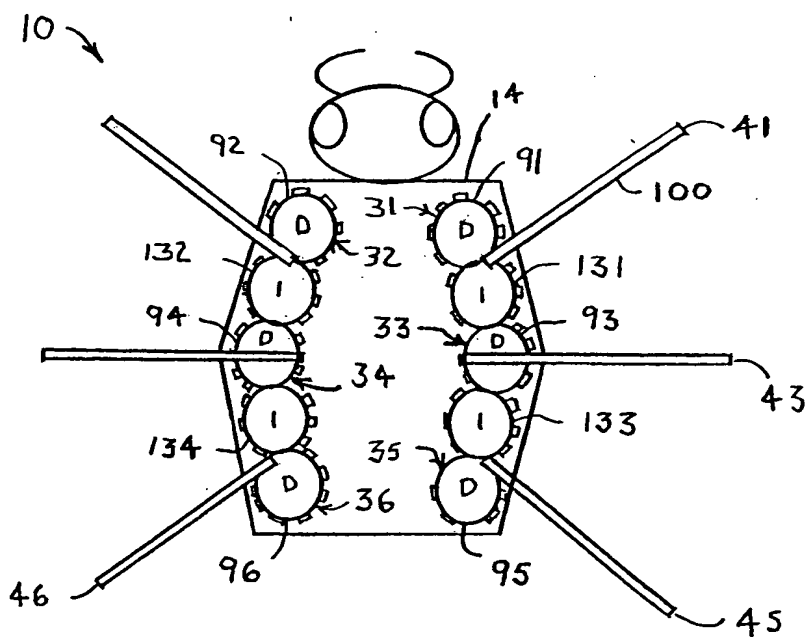


FIG. 15

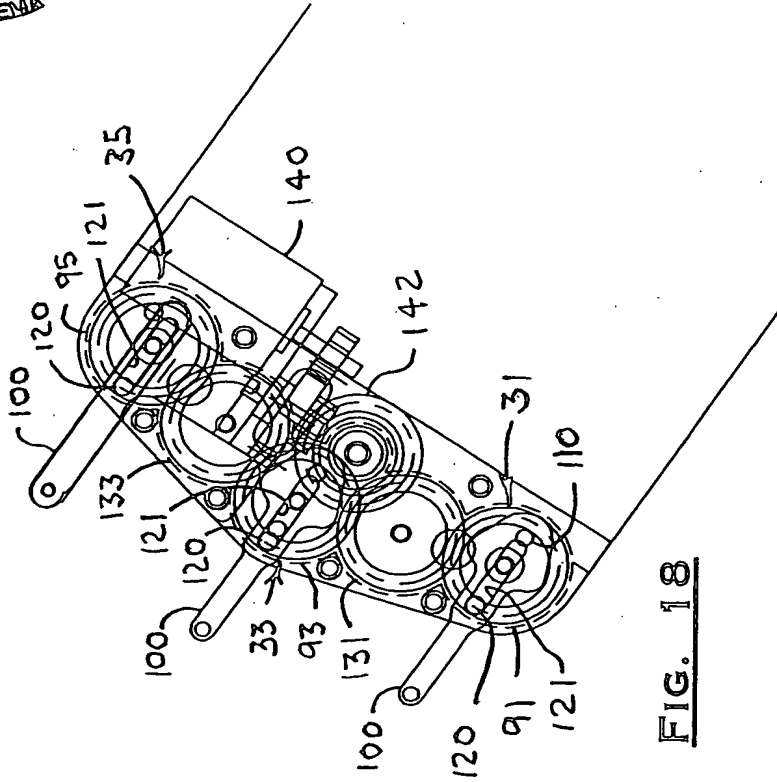


FIG. 18

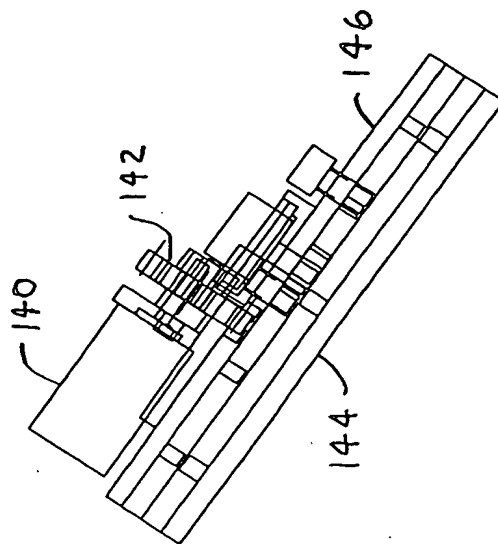


FIG. 17

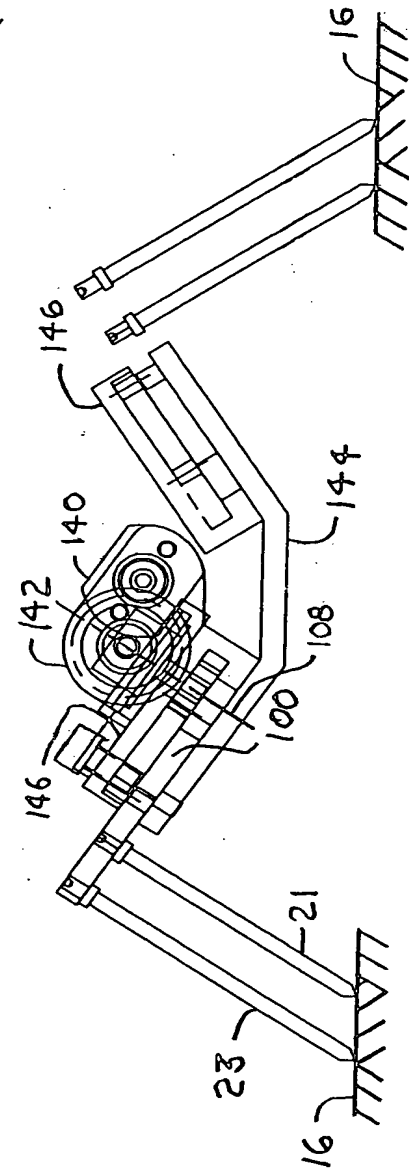


FIG. 16

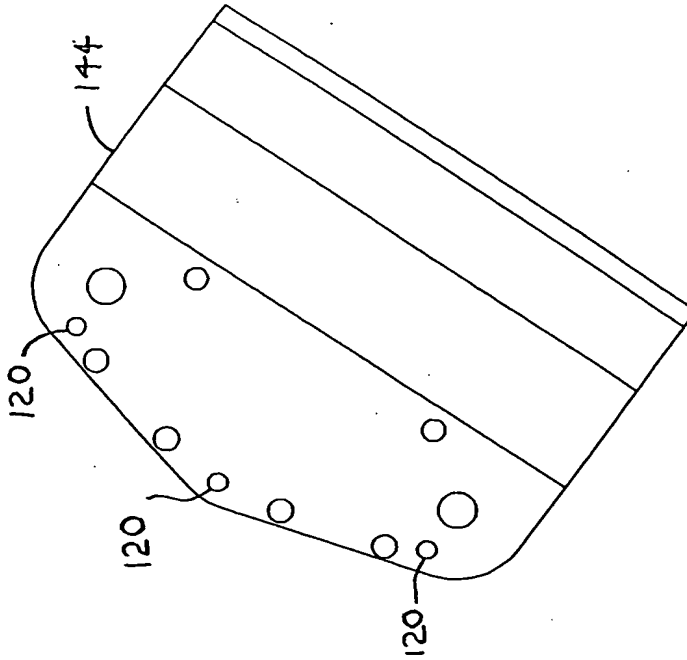


FIG. 21

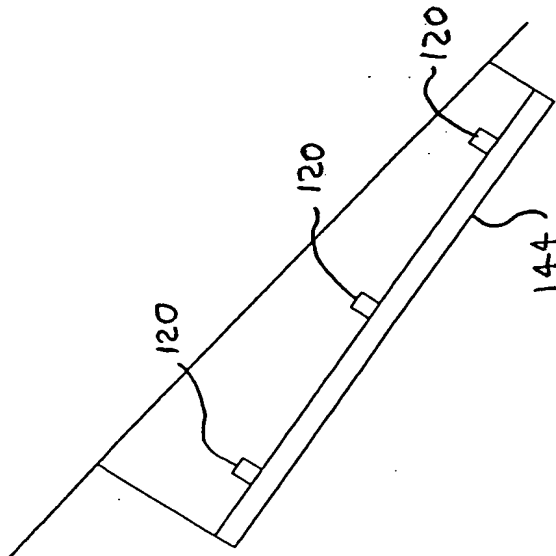


FIG. 20

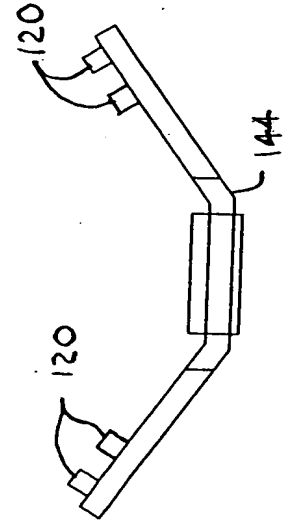
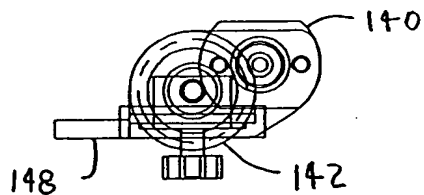
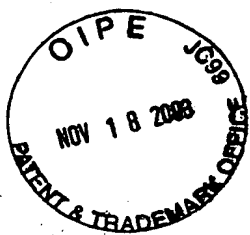
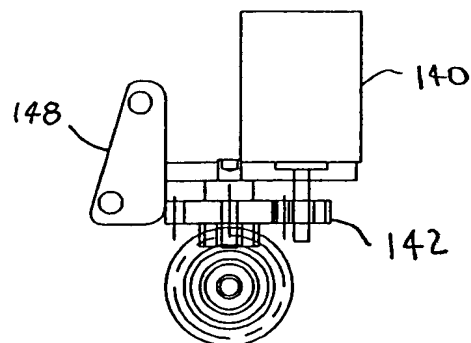


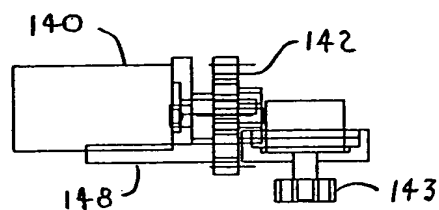
FIG. 19



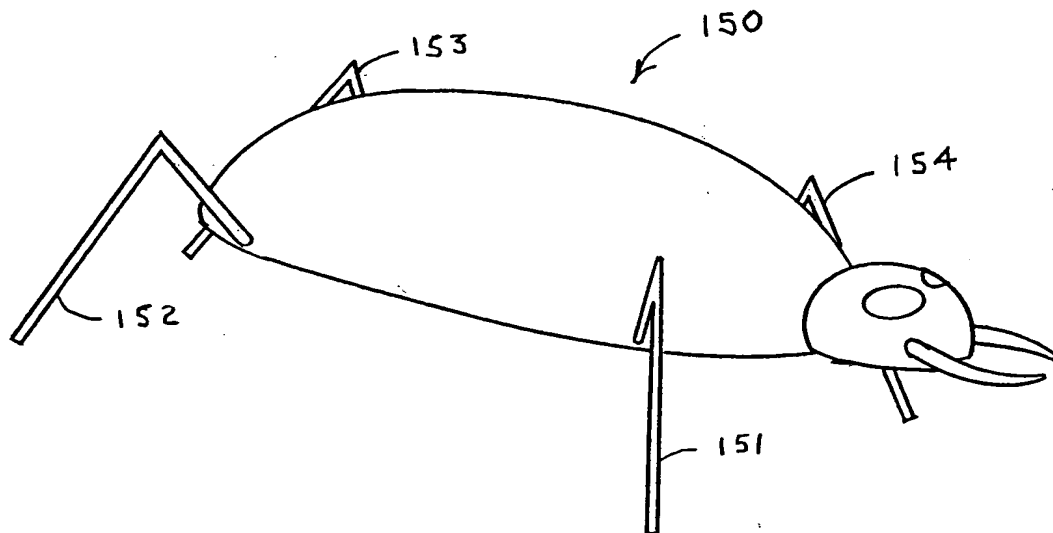
**FIG. 22**



**FIG. 23**



**FIG. 24**

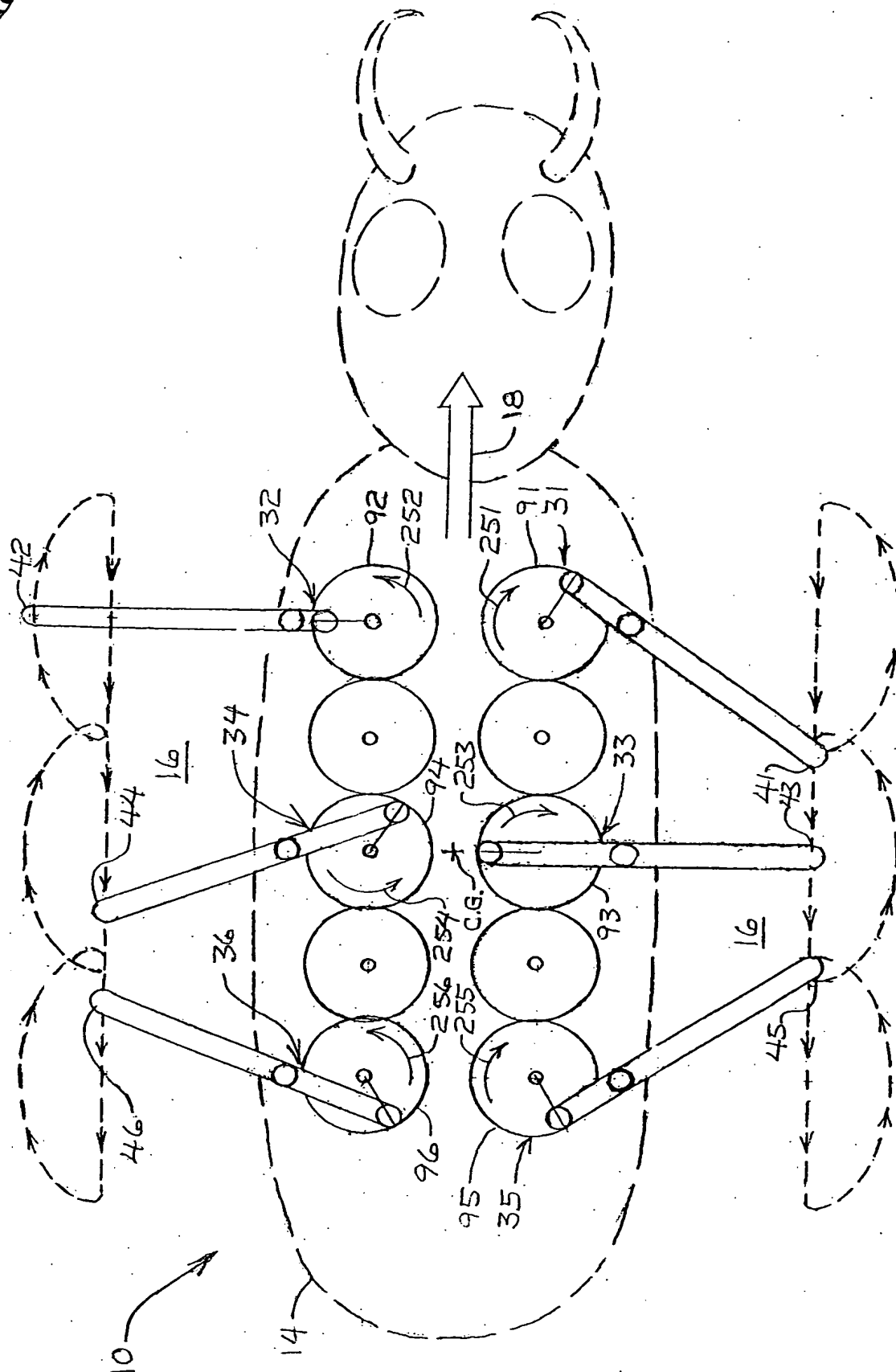


**FIG. 27**



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**FIG. 25**

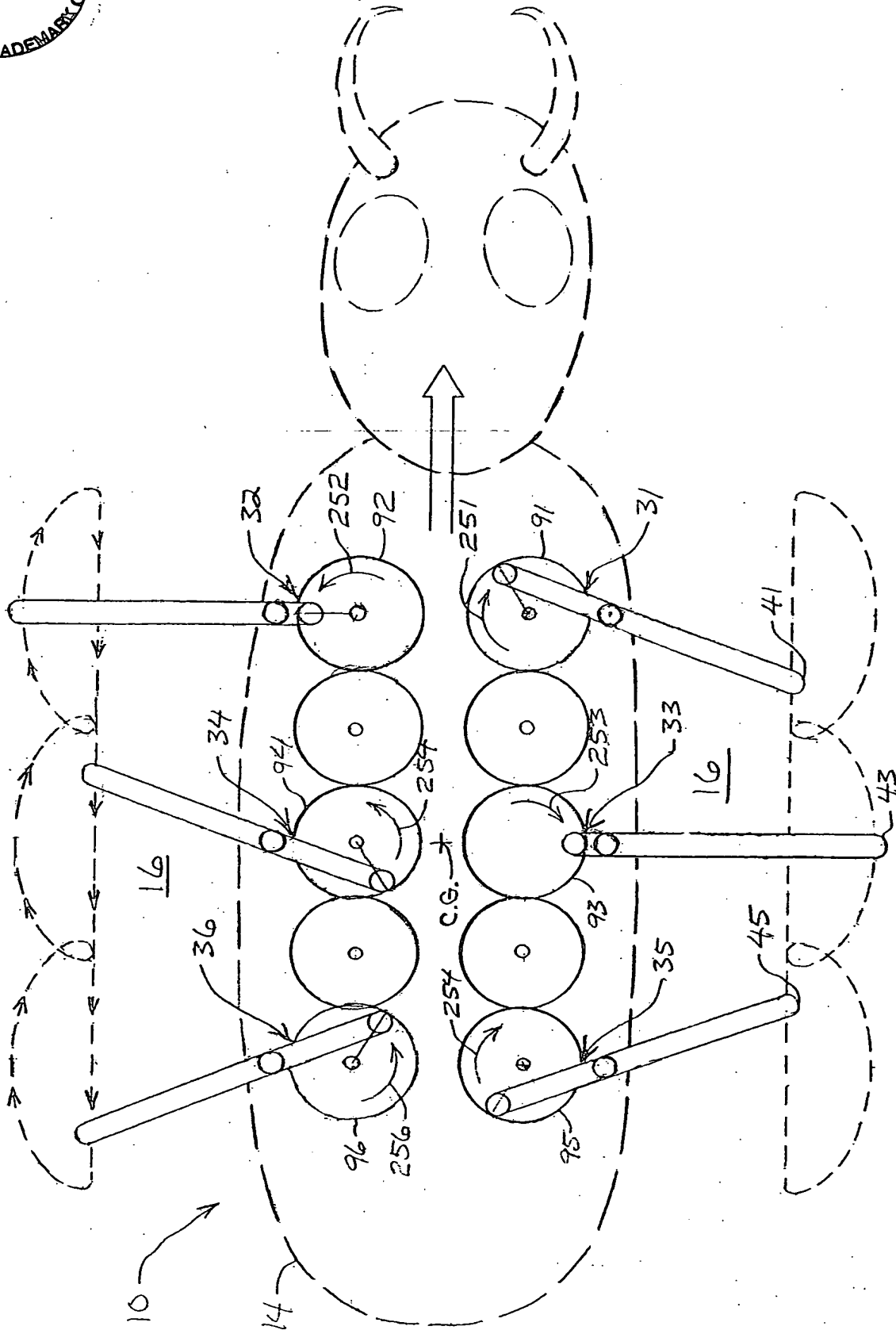
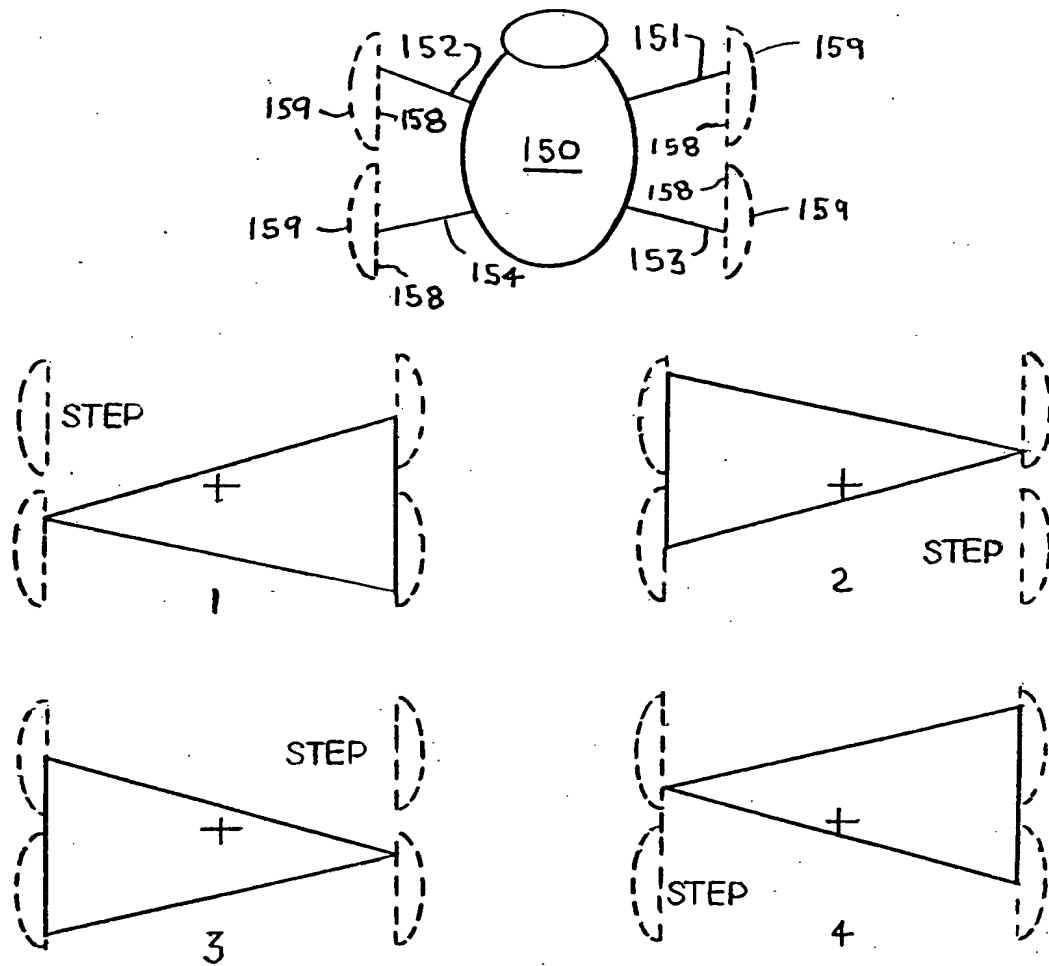
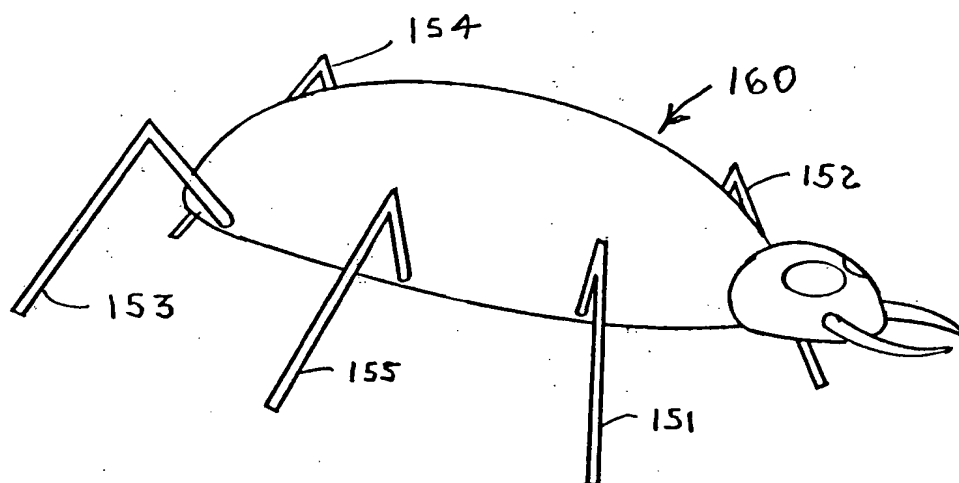


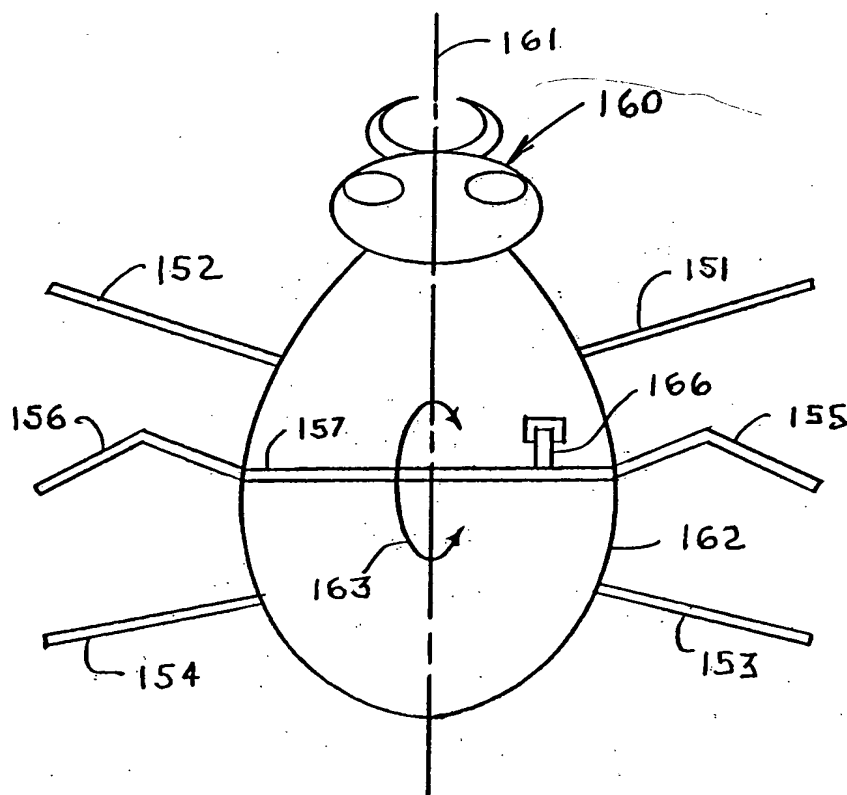
FIG. 26



**FIG. 28**



**FIG. 29**



**FIG. 30**



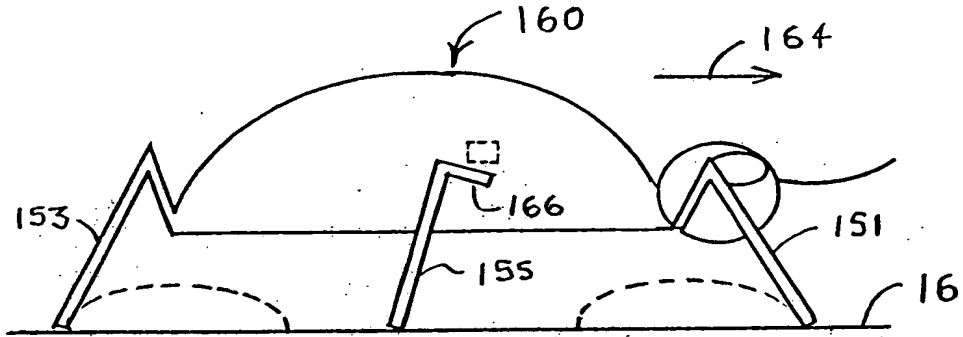


FIG. 31

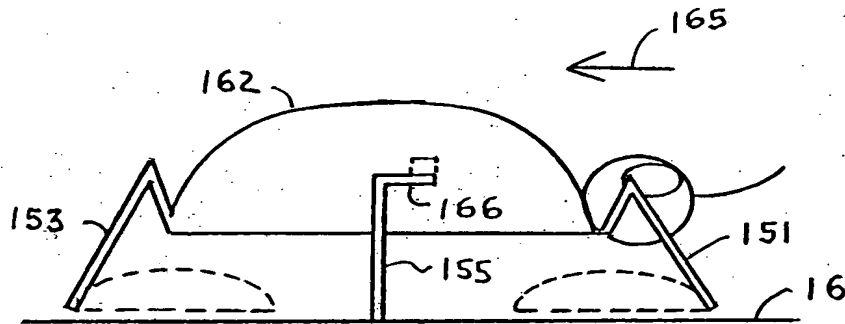


FIG. 32

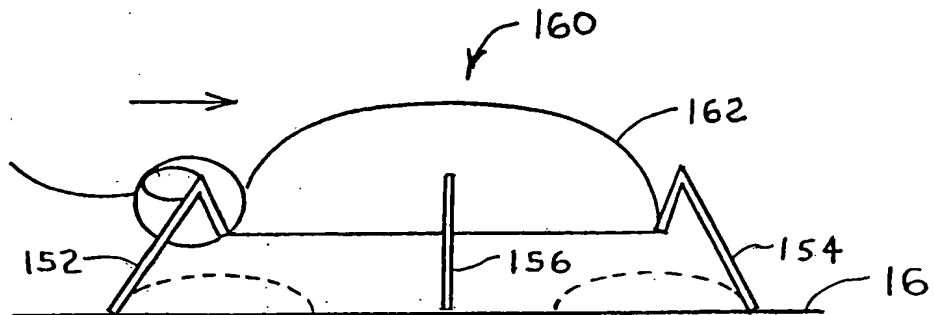
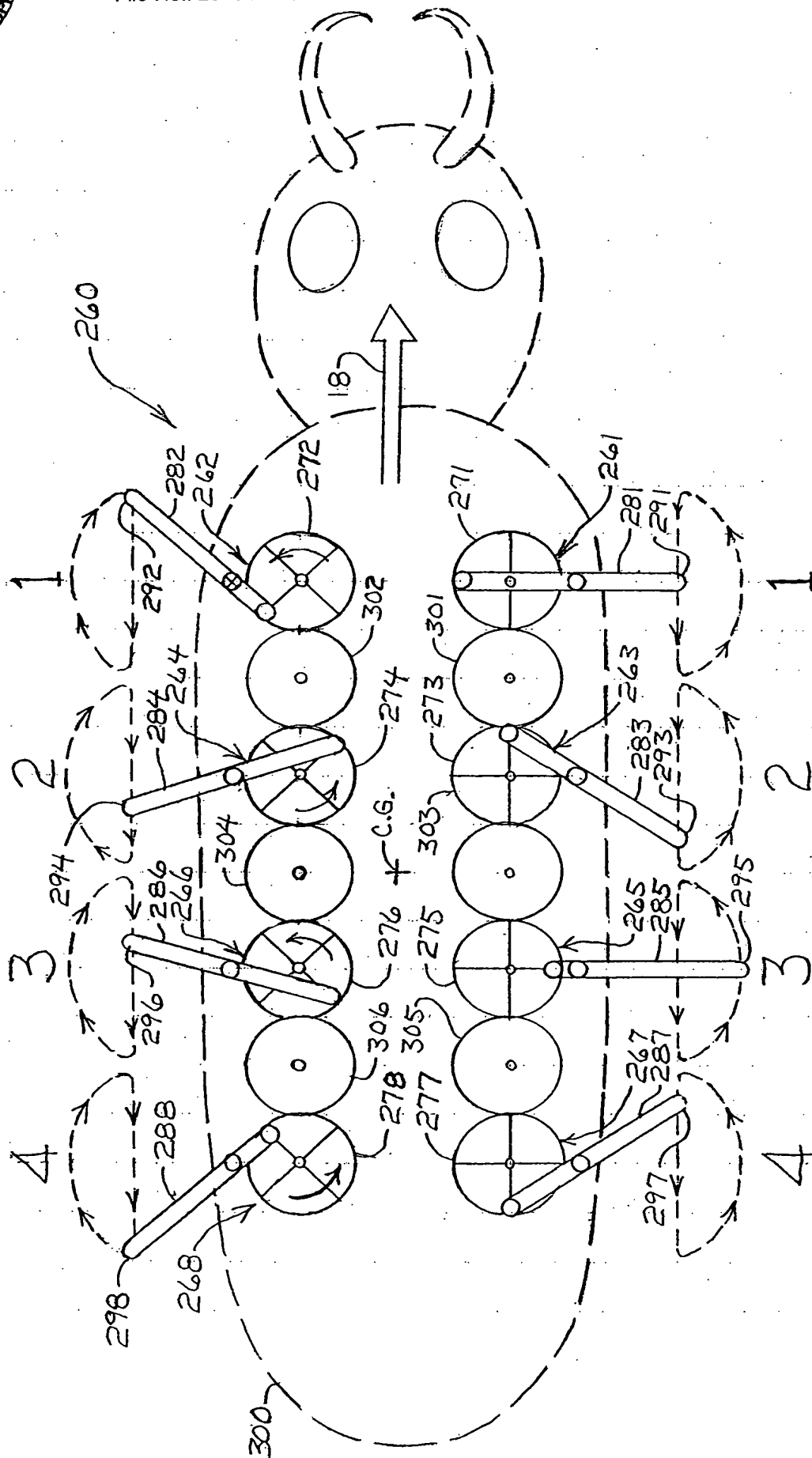


FIG. 33

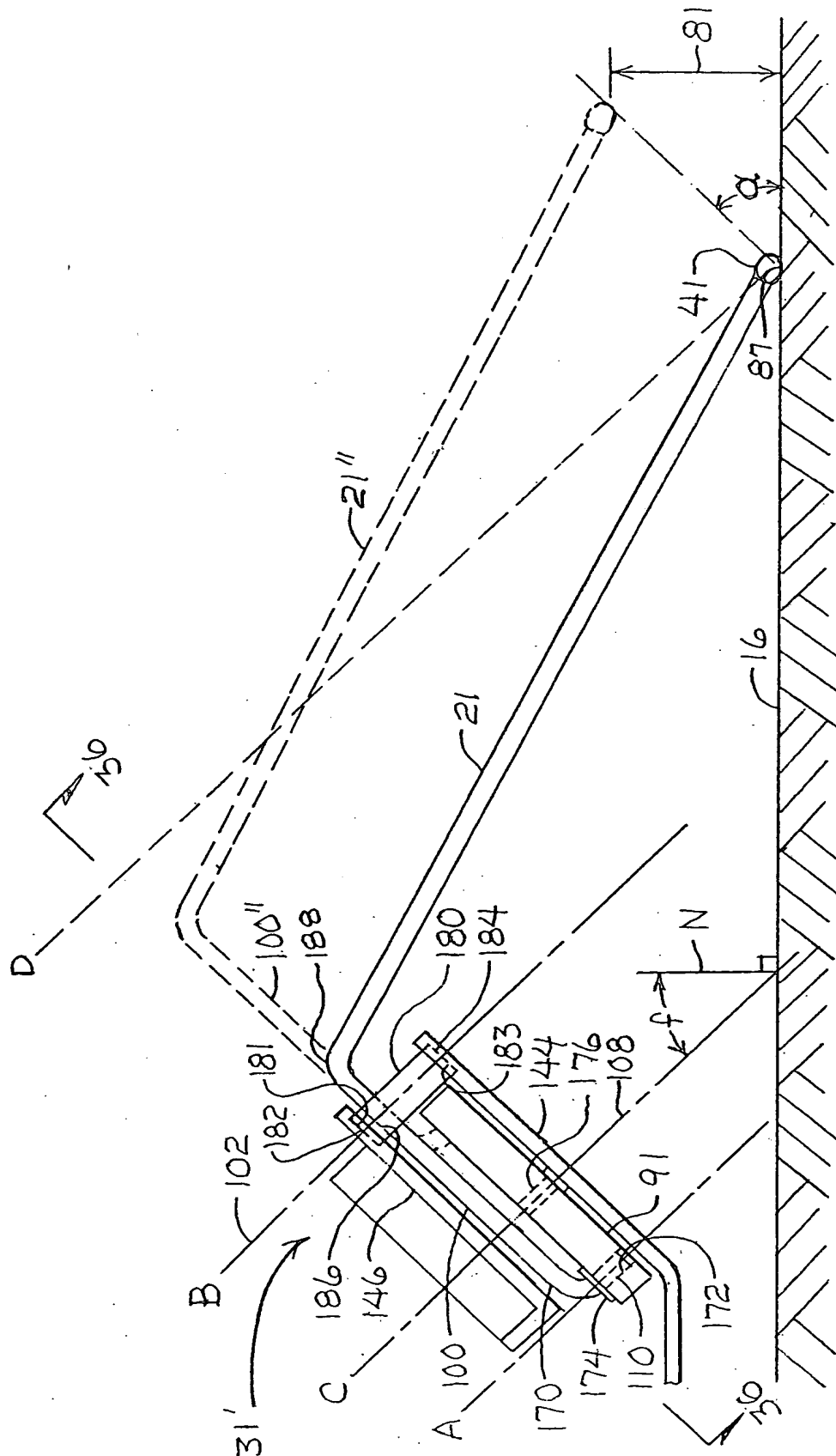


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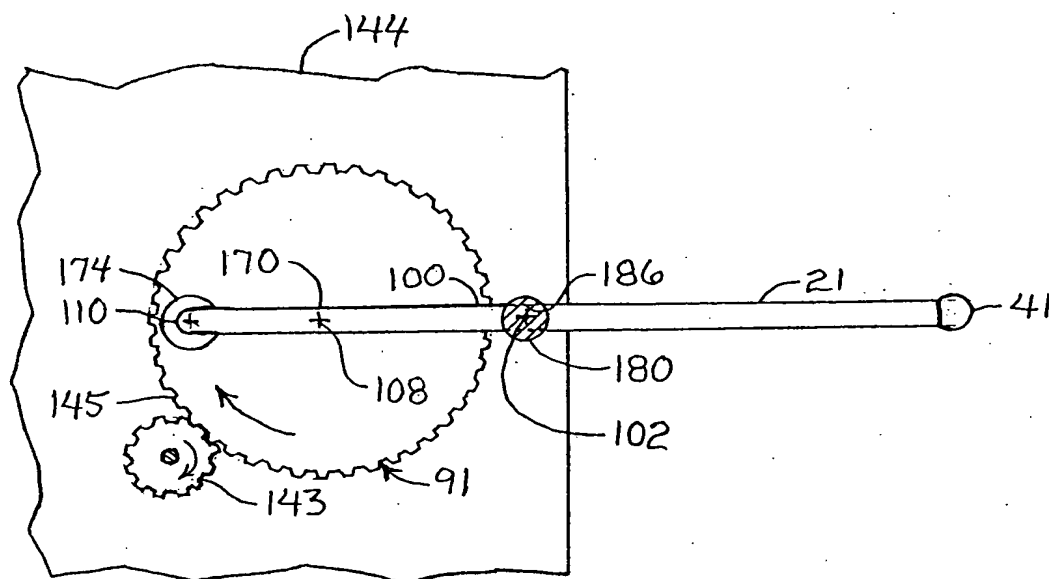
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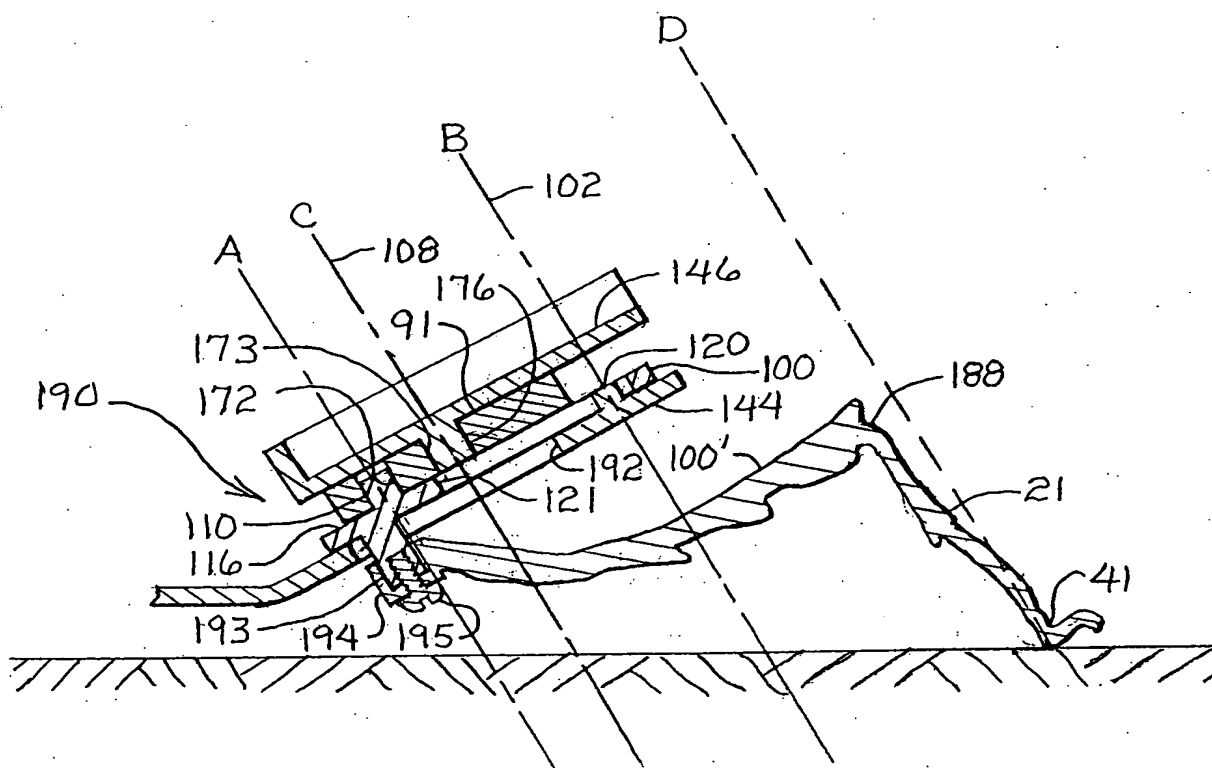
**FIG. 34**



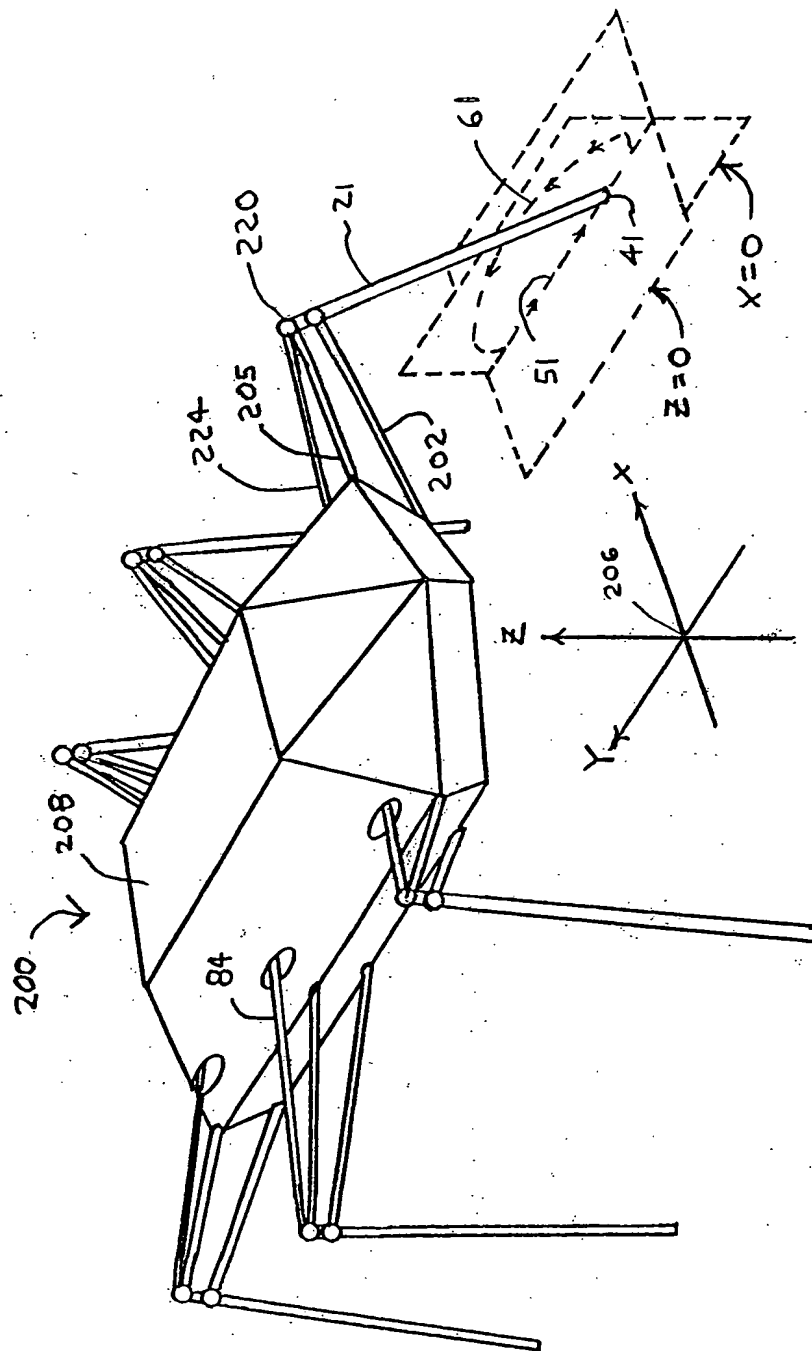
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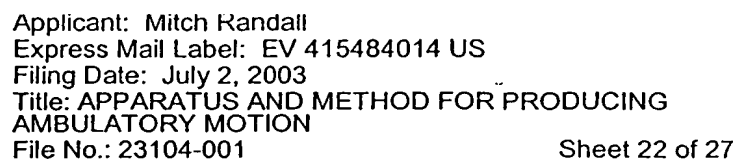
**FIG. 36**



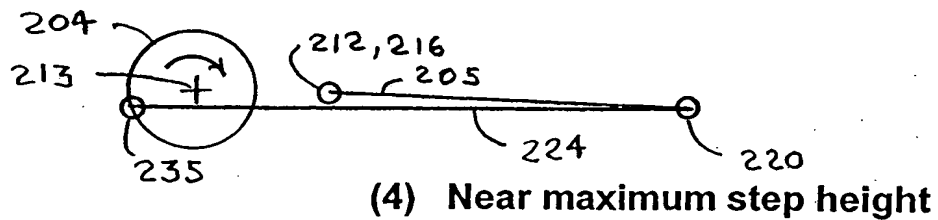
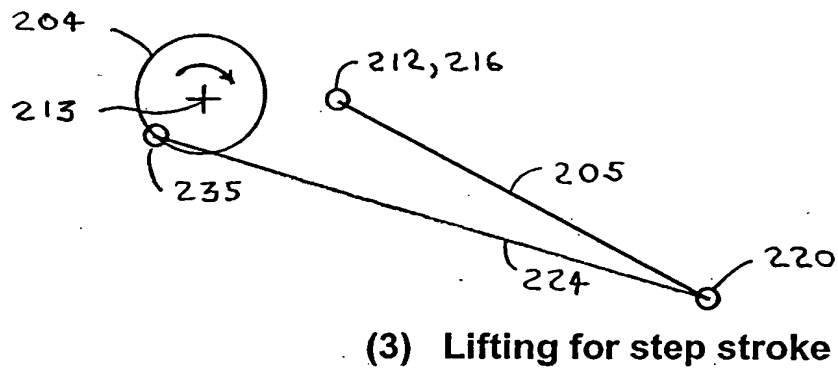
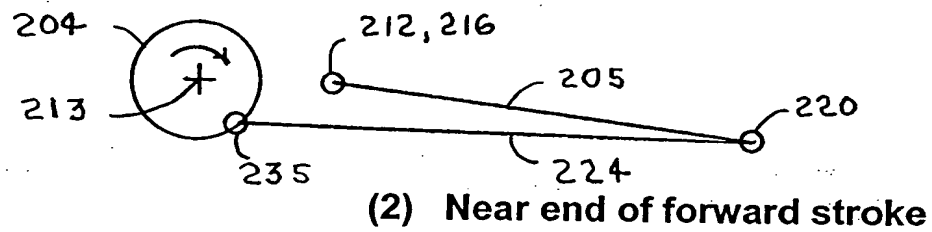
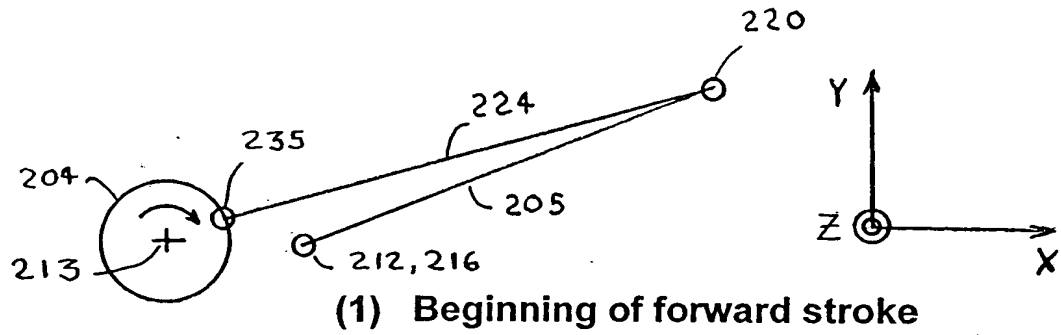
**FIG. 37**



**FIG. 38**







**FIG. 41**



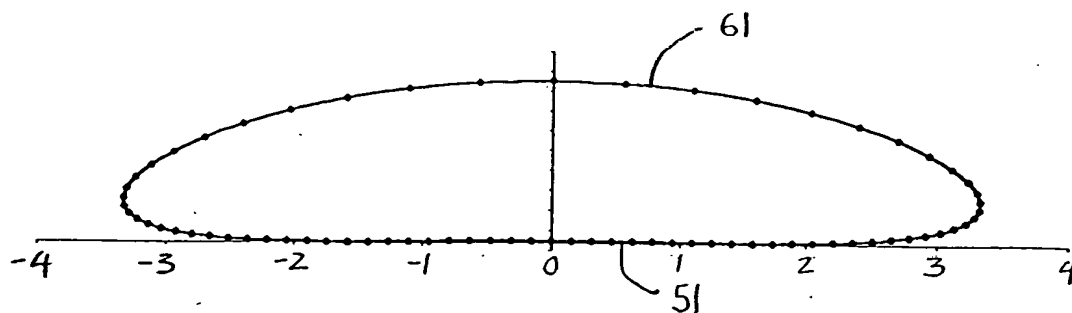


FIG. 42

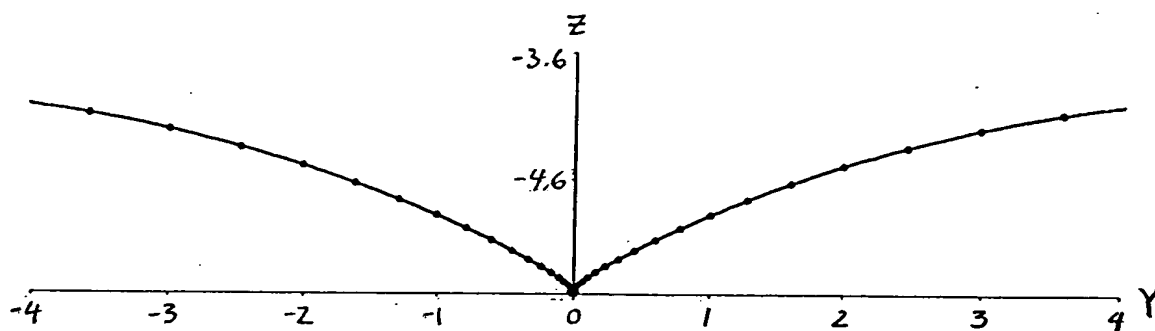
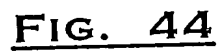
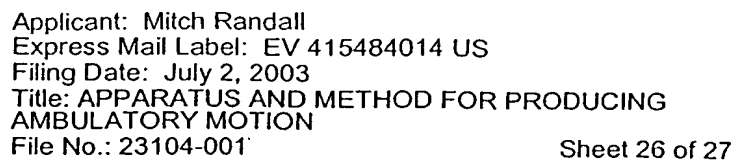


FIG. 43



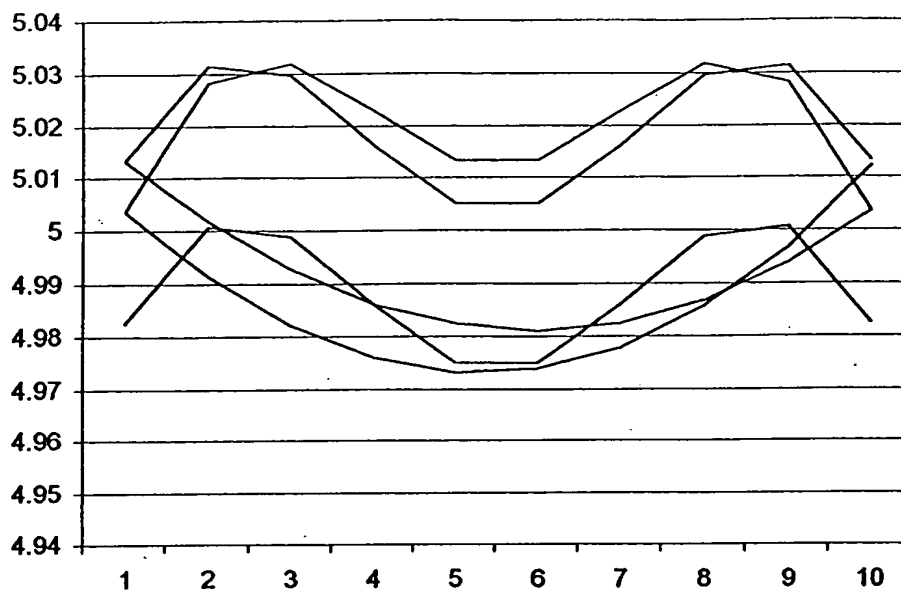


FIG. 45

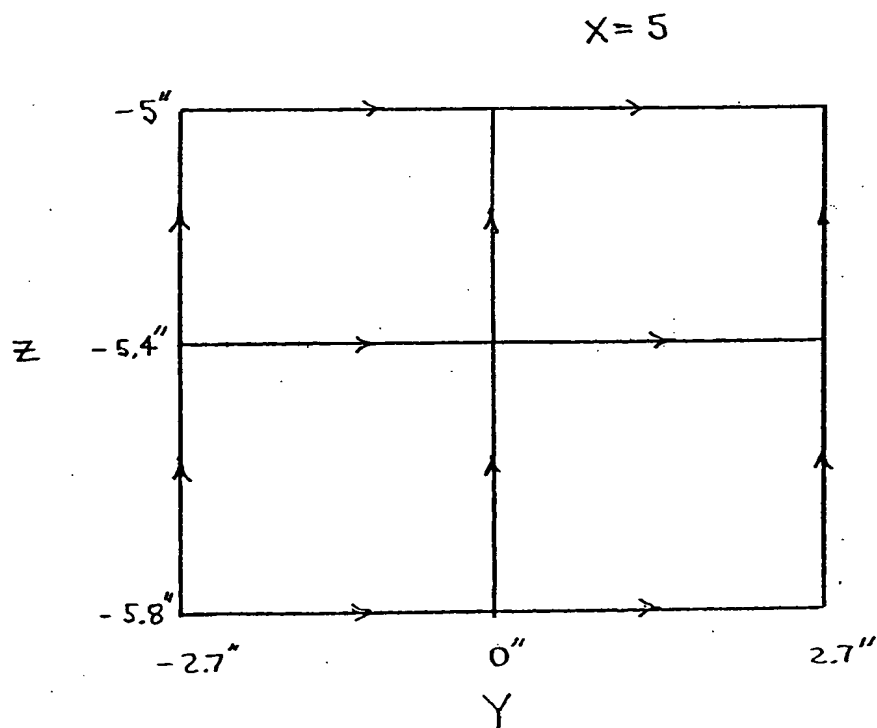


FIG. 46